



#14/Election/a
Hawkins
10/23/02
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Magnussen, *et al.*

) Examiner:

) Mark O. Budd

Appl. No.: 09/801,194

) Group Art Unit: 2834

Filed: 03/08/2001

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For: VIBRATORY MOTORS AND
METHODS OF MAKING AND
USING SAME

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FIRST AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

TECHNICAL DRAWINGS
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RECEIVED

Dear Assistant Commissioner:

In response to the Office Action mailed May 8, 2002, please amend the above-identified application as follows:

✓ Please delete Claims 8, 11, 15, 19, 48, 69-71, 76, 86-117 and 125-126.

✓ Please amend the claims as follows:

1. (Once Amended) A vibratory system for moving a driven element, comprising: a vibratory element having a driving element in driving communication with a resonator that has a selected contacting portion located to engage the driven element during use of the system, the vibrating element and resonator being configured to move the selected contacting portion in a first elliptical motion when the resonator is excited to simultaneously resonate in at least two vibration modes by a first signal at a first frequency provided to the vibrating element, the resulting motion being of sufficient amplitude to move the driven element when the driven element and selected contacting portion are maintained in sufficient contact to achieve a desired motion of the driven element, the at least two vibration modes being selected so that at least one